Electronic Patent Application Fee Transmittal									
Application Number:	10619796								
Filing Date:	15-Jul-2003								
Title of Invention:	Sparse and efficient block factorization for interaction data								
First Named Inventor/Applicant Name:	Francis X. Canning								
Filer:	Lee W. Henderson/Linh Do								
Attorney Docket Number:	CA	NNING.001CP2							
Filed as Small Entity									
Utility under 35 USC 111(a) Filing Fees									
Description		Fee Code	Quantity	Amount	Sub-Total in USD(\$)				
Basic Filing:									
Pages:									
Claims:									
Miscellaneous-Filing:									
Petition:									
Patent-Appeals-and-Interference:									
Post-Allowance-and-Post-Issuance:									
Extension-of-Time:									
Extension - 1 month with \$0 paid		2251	1	65	65				

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Miscellaneous:				
Submission- Information Disclosure Stmt	1806	1	180	180
	Tot	245		